

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

1. (Currently Amended): A lens array sheet having a plurality of pyramid-shaped projections or recesses on a surface of its transparent base material film,
wherein a width “s” between adjacent projections or recesses is more than 0% and not more than 50% of the length “a”.

2. (Original): The lens array sheet as set forth in claim 1, wherein a bottom surface of the pyramid shape is a rectangular or square shape satisfying a relationship of (length “a” of one side) \leq (length “b” of other side) $\leq 10a$.

3. (Original): The lens array sheet as set forth in claim 2, wherein the length “a” of one side of the bottom surface of the pyramid shape is 0.1 μm to 20 μm .

4. (Original): The lens array sheet as set forth in claim 3, wherein a height “c” of the pyramid shape is $0.2a \leq c \leq 2a$ with respect to the length “a”.

5. (Cancelled).

Application No.: 10/524,117
Attorney Docket No.: 052137
Response

6. (Original): The lens array sheet as set forth in claim 1, wherein a base angle θ of side surfaces of the pyramid shape is 20° to 80° .

7. (Original): The lens array sheet as set forth in claim 1, wherein the transparent base material film is composed substantially of an alicyclic olefin resin.

8. (Original): The lens array sheet as set forth in claim 7, wherein the alicyclic olefin resin is a norbornene based polymer or a vinyl alicyclic hydrocarbon polymer.

9. (Original): The lens array sheet as set forth in claim 1 produced by injection molding using a mold having pyramid-shaped projections or recesses on its surface.

10. (Currently Amended): A mold providing the lens array sheet as set forth in claim 1, made by a metal layer and provided with pyramid shaped projections on its surface, wherein said metal layer is obtained by forming a metal layer on said pattern of a substrate formed with a pyramid-shaped concave pattern and peeling the metal layer from the substrate.

11. (Original): The mold as set forth in claim 10, wherein
as the substrate formed with a pyramid-shaped concave pattern, a mold made by silicon
formed by

Application No.: 10/524,117
Attorney Docket No.: 052137
Response

(1) a step of forming a positive type resist pattern on a silicon wafer formed on its surface with a silicon oxide layer,

(2) a step of forming a silicon oxide pattern by performing etching on the silicon oxide layer by an etching solution containing hydrofluoric acid by using the resist pattern as a mask,

(3) a step of removing the resist pattern and performing anisotropic etching on the silicon wafer surface by an alkaline solution to form pyramid-shaped recesses, and

(4) a step of removing the silicon oxide pattern by an etching solution containing hydrofluoric acid

is used.

12. (Original): A mold made by a metal layer and provided with pyramid shaped projections on its surface, wherein

said metal layer is obtained, by using the mold as set forth in claim 10 or 11, by forming a metal layer on a surface of the mold and peeling the metal layer from the mold.

13. (Original): A light condensing plate composed of a lens array sheet as set forth in claim 1.

14. (Original): An organic electroluminescence element, comprising
a transparent substrate composed of a lens array sheet as set forth in claim 1,

Application No.: 10/524,117
Attorney Docket No.: 052137
Response

a transparent electrode layer stacked on the transparent substrate,
an organic electroluminescence material layer stacked on the transparent electrode layer,
and
a metal electrode layer stacked on the organic electroluminescence material layer.

15. (Original): A display device comprising an organic electroluminescence element as set forth in claim 14.